

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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| COUNTRY | Bulgaria | REPORT NO. | |
| SUBJECT | 1. Military Units in Ruse 2. Power Plants at Ruse and Sofia | DATE DISTR. | 2 July 1953 |
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Military Units in Ruse

1. The Ruse military command is located in a 1-story building joined to the adjacent residence buildings on Ivan Vasov Street. It is 15-20 meters long on the street side and has a door guard armed with a standard rifle.
2. An unidentified infantry unit, strength estimated at 500-600 men, occupies the barracks formerly used by 5 Infantry Regiment on Stalin Street (formerly Aleksandrov-ska Street) in Ruse. a 1-story building approximately 100 meters long. The area is enclosed by a wall about two meters high.
3. An unidentified military unit allegedly occupies another old barracks located about 1,500 meters east of the center of Ruse. The area occupied is approximately 300 meters square.

Power Plants at Ruse and Sofia

- 25X1 4. An old hydroelectric plant is located approximately two kilometers east of Pancharevo (N 42-35, E 23-24). the plant has three Francis turbines two meters in diameter. The water is conducted to the turbines through three metal pipes approximately 150 centimeters in diameter. The difference in level between the plant and the water pipes is about 50 meters.
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5. The only power plant in Ruse is an old thermoelectric plant located approximately 400 meters east of the port. It is powered by steam boilers and is capable of producing only enough electricity to illuminate the city of Ruse.
6. As of January 1952, the electric energy necessary for industry in Ruse was supplied by Rumania. The factories often have to suspend work or double the shifts according to the amount of power available.

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25X1 The Elprom Factory in Sofia - September 1950

1. The Voroshilov Elprom Factory in Sofia is of recent construction and was enlarged in 1950. It began production in June 1950. The factory is located in the Zakharna Fabrika (Sugar Factory) Quarter in the western part of Sofia approximately 700-800 meters from the sugar factory. It stands in an isolated area and was not enclosed by a fence as of September 1950.
2. The plant is subordinate to the Elprom section of the Ministry of Electrification. It employs approximately 1,000 workers and 10-15 electrical engineers in one shift per day (8:00 a.m. to noon and 1:00 p.m. to 5:00 p.m.). The director is Ivan Palov, an electrical engineer.
3. Production consists of the following items, quantities unknown:
 - a. Radios for civilian use;
 - b. Amplifiers;
 - c. Transformers for radios and amplifiers, up to one-kilowatt power;
 - d. Electrical materials for light industry (exclusive of wire and cable), such as switches, insulators, radio tubes, sockets, etc.; and
 - e. Bakelite telephones for civilian use.
4. The materials produced by the factory bear the trade mark "Elprom Voroshilov" and are sold through the various Elprom shops.

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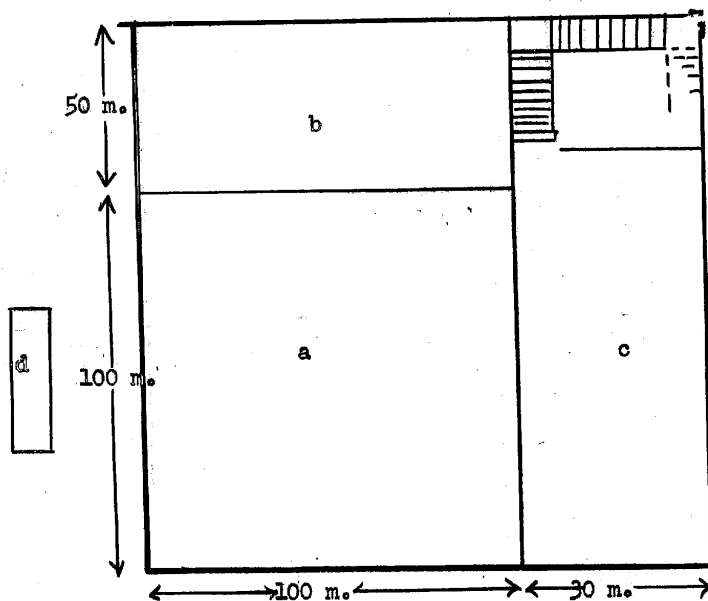
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5. The Voroshilov Factory is a complex of individual plants arranged in a square approximately 150 meters per side, and a small stone masonry shed, as follows:



- a. A 1-story shed, saw-tooth roof with skylight. Houses the machine department which produces screws, bolts, metal parts for electrical installations, etc.
- b. Adjacent construction three stories high, twin-sloped tile roof. Assembly department is located on the first two floors and the third floor was still vacant as of September 1950.
- c. A 1-story building, twin-sloped tile roof, houses the directorate, administration, technical directorate (with designers and draftsmen), and technical laboratory. [redacted] the laboratory is allegedly equipped with precision and "important" machinery of American, Swiss, and German production. [redacted] access to the laboratory is strictly controlled.
- d. Small stone masonry shed which houses the carpentry department which produces wood cabinets for radios.

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6. Electric energy is furnished by a nearby transformer station which is linked to Sofia's power network.
7. As of September 1950, there were no guards at the factory.

Polytechnical Institute of the University of Sofia - November 1952

8. The polytechnical institute of the University of Sofia is located on Dragan Tsankov Street in buildings which were constructed in 1942.
9. The rector of the school is Sazdo Ivanov, a physicist. Professors and fellows of the electrical engineering faculty are as follows:
- a. Professor Uzūnov, descriptive geometry;
- b. Professor Bradistilov, mathematics;

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- c. Professor Balevski, technology;
 - d. Professor Ivan Popov, electrics; machinery;
 - e. Professor Boris Popov, machine technics;
 - f. Professor Manchev, power plants and high tension lines;
 - g. Professor Ivan Ganchev, radio technics; and
 - h. Professor Nikolev, electric railroads.
10. Last year, the school had an enrollment of 2,000-3,000 students, 150 of whom were in the electrical engineering faculty. The number of students is continually decreasing because the State wants to eliminate those students who do not demonstrate sufficient capacity and attention for their studies and is cutting down on the number of appointments to each faculty. Admission is by examinations given for a set number of posts to each faculty. The gradual and forced decrease in the number of students is being carried out because graduates cannot always find appropriate technical work. In the 1952 school year, approximately 140 students were graduated as electrical engineers.
 11. The technical instruction is based principally on German technical precepts, since most of the professors have attended German schools. The new studies, however, include Soviet technical theories. Western experience and ideas are purposely ignored.
 12. The technical equipment of the polytechnic for teaching and experimental use is very limited. It is not up to date with respect to innovations resulting from research in the last few years.
 13. The students are given a monthly allowance of 5,000 leva (old currency) for room and board. Each student, however, must buy his own books and pay his own tuition, etc.

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The Georgi Dimitrov Agricultural Machinery Factory

1. The Georgi Dimitrov Agricultural Machinery Factory was known as the Muelhaupt Metal Works prior to its nationalization in 1947. It is located in the southeast periphery of Ruse on a road which parallels Lipnik Boulevard in the vicinity of the large fruit and vegetable market and the Dunavski Kat park.
2. The plant is subordinate to the Ministry of Heavy Industry. It employs approximately 250 workers in one shift per day, from 8:00 a.m. to noon and from 1:00 p.m. to 5:00 p.m. Its two engineers are Turbov (fm) and Kalinov (fm).
- 25X13. Prior to World War II, the plant produced only machine parts and farm tools. [REDACTED]
- 25X1 [REDACTED] After nationalization, it was re-organized to produce agricultural machinery such as threshing machines, planters, plows, rakes, and harvesters.

4. The factory consists of the following units:

- a. A shed approximately 100 by 30 meters in size, divided into four equal sections, one of which has a twin-sloped roof rather than the flat roof like the others; houses the following:
 - (1) Cast-iron foundry, equipped with two coal furnaces, each of which is five or six meters high and two meters in diameter.
 - (2) Polishing and finishing section for pieces produced in the foundry.
 - (3) Manufacturing department, which occupies two sections of the building.
- b. A stone masonry shed, approximately 60 by 25 meters in size, which houses the assembly section; and

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